



Flush Reflector



Recessed Reflector



Technical Data

TECHNICAL

Total Energy Consumption P _L (W)	Refer LED Performance Guide
Suitable for ceiling thickness	10-30mm
Weights	– Luminaire Body 370gms – Remote Driver 250gms
IEC 60598	– parts 1 and 2 Complies
AS/NZS60598	– parts 1 and 2 Complies
IP Rating	IP20
– with factory fitted Lens accessory	IP65 (from below)
– with site installed Lens accessory	IP54 (from below)
Insulation Class	– 6, 10, 14 & 20W IC-4/IC-F
– (excludes driver)	

LED PERFORMANCE GUIDE | KF4 Fixed Series | Flood Beam Option (8R) 60 degree

Watts (W)	Driver Current (mA)	Colour Temp 2700K 3000K 4000K	Ultra (KF4U)			Excel (KF4X)			Performance (KF4P)			R9 Value		
			Output Lumens			Efficacy Lm/W (delivered)			CRI / STEP SDCM					
			U	X	P	U	X	P	U	X	P	U	X	P
6.2	(1) 150	27	547	608	716	88	98	116	98/2	90/3	80/3	95	56	12
		3	607	653	752	98	105	121	98/2	90/3	80/3	95	56	12
		4	636	684	787	103	110	127	98/2	90/3	80/3	95	56	12
10.5	(2) 250	27	885	985	1159	84	94	110	98/2	90/3	80/3	95	56	12
		3	985	1059	1219	94	101	116	98/2	90/3	80/3	95	56	12
		4	1029	1107	1274	98	105	121	98/2	90/3	80/3	95	56	12
14.2	(3) 350	27	1159	1292	1524	82	91	107	98/2	90/3	80/3	95	56	12
		3	1290	1387	1597	91	98	112	98/2	90/3	80/3	95	56	12
		4	1348	1452	1675	95	102	118	98/2	90/3	80/3	95	56	12
20	(5) 500	27	1620	1803	2122	81	90	106	98/2	90/3	80/3	95	56	12
		3	1802	1938	2231	90	97	112	98/2	90/3	80/3	95	56	12
		4	1884	2026	2332	94	101	117	98/2	90/3	80/3	95	56	12

LED Lifetime hrs L90/B10 > 50,000

* Figures extrapolated / interpolated from data at other currents and may vary + / -2.5%

Output Lumens: Delivered lumen output from luminaires, including thermal, electrical and optical losses

STANDARD DIMMING OPTIONS AVAILABLE

D1	DALI (150–500mA)
D2	O4A DSI (250–500mA)
D3	Analogue Dim 1-10V (250–500mA)
D4	Phase Dim (250–500mA)
D5	O4A Switch Dim (250–500mA)
D6	Push Dim (150–500mA)
D7	O4A DALI (250–500mA)
D9	Cassambi (150–500mA)

ORDERING CODE FORMAT

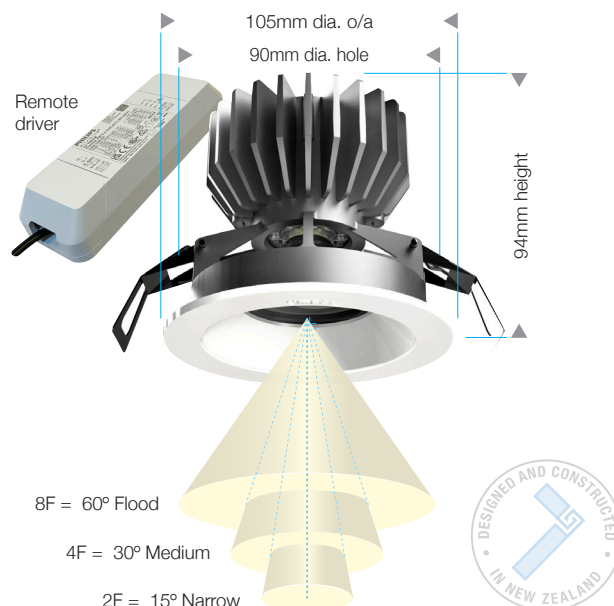
Example:	KF	4	X	3	8F	4	D1	P	B
Series Code (F: Fixed Recessed)									
Model Series Number (4)									
Output (U, X or P)									
Driver Code (See table above)									
Reflector Option (2F, 2R, 4F, 4R, 8F, 8R)									
Colour Temp (27-2700k, 3-3000k, 4-4000k) *									
Dimming option if required (See table adjacent)									
Lens Accessory Code (P=Prismatic, D=Diffusion, C=Clear, W=Washlight)									
Colour Option (W=White (default), B=Black, S*-Special)									

* Other colours available on request

Options

REFLECTOR OPTIONS Can be fitted to chassis after installation

2F  15° Beam Angle Narrow Beam – Flush Reflector	2R  15° Beam Angle Narrow Beam – Recessed Reflector
4F  30° Beam Angle Medium Beam – Flush Reflector	4R  30° Beam Angle Medium Beam – Recessed Reflector
8F  60° Beam Angle Flood Beam – Flush Reflector	8R  60° Beam Angle Flood Beam – Recessed Reflector



COLOUR OPTIONS

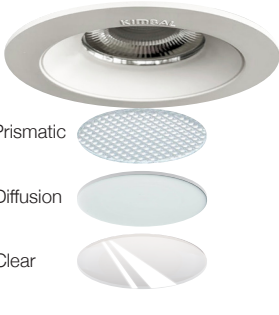
PROSPEC OPTIONS (Factory fitted)

White as standard (default)  W White  B Black  S* Special (*Other colours available on request)	 Z (+ required length) Seismic Restraint Optional on all models. Ordering Code: (required length eg. 400mm)
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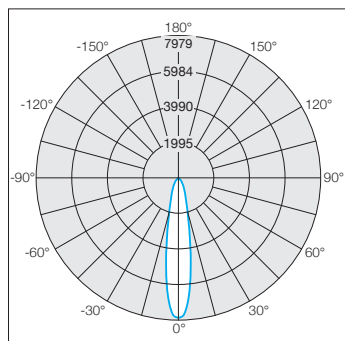
Accessories

LENS ACCESSORIES Can be fitted to chassis after installation

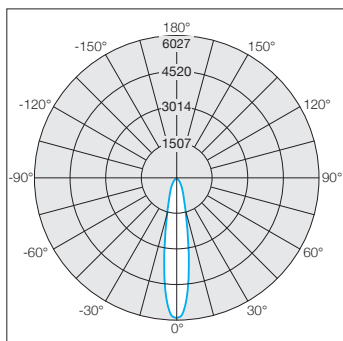
SECURED ACCESS LENS

 P Prismatic D Diffusion C Clear W Washlight Flush Lenses IP65 (from below ceiling) Factory fitted IP54 (from below ceiling) Site installed	 P Prismatic D Diffusion C Clear Recessed Lenses IP65 (from below ceiling) Factory fitted IP54 (from below ceiling) Site installed	 K (IK 10) Die cast aluminium Ceiling Plate, 123mm dia. overall with Polycarbonate Lens. – 3x M3 Snake Eye Machine Screws Vandal Proof Secured Access Lens IP65 (from below ceiling) Site installed
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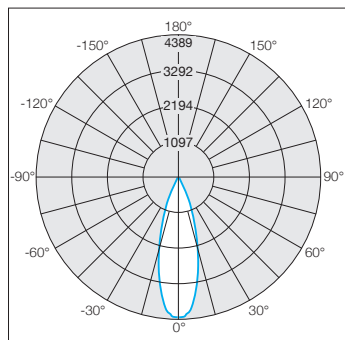
Photometrics

KF4U32F4 Flush Narrow Beam


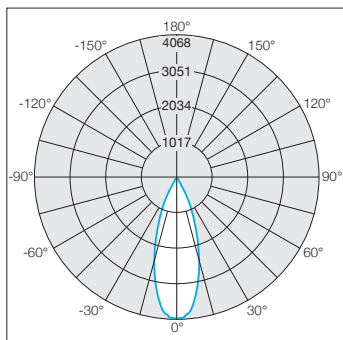
Total Energy Consumption P_L (W) 14.2W
 Total Lumen Output 1290 Lm (92Lm/W)
 4000k

KF4U32R4 Recessed Narrow Beam


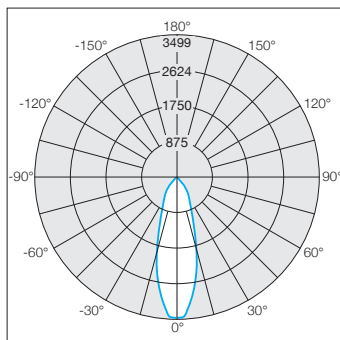
Total Energy Consumption P_L (W) 14.2W
 Total Lumen Output 1724 Lm (122Lm/W)
 4000k

KF4P34F4 Flush Medium Beam


Total Energy Consumption P_L (W) 14.2W
 Total Lumen Output 1632 Lm (116Lm/W)
 4000k

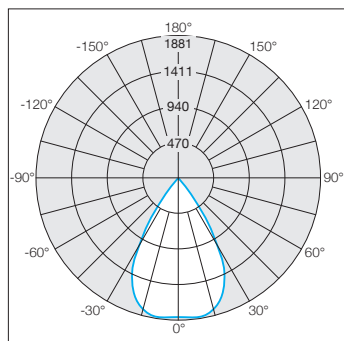
KF4P34R4 Recessed Medium Beam


Total Energy Consumption P_L (W) 14.2W
 Total Lumen Output 1724 Lm (122Lm/W)
 4000k

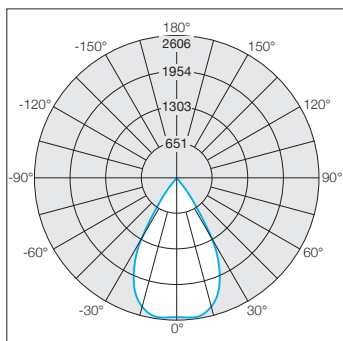
KF4X34R4 Recessed Medium Beam


Total Energy Consumption P_L (W) 14.7W
 Total Lumen Output 1493 Lm (105Lm/W)
 4000k

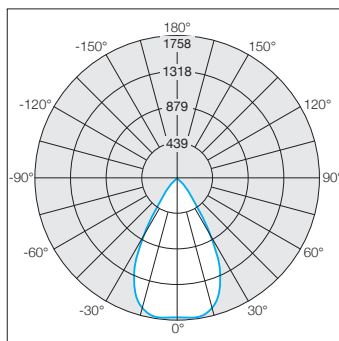
Photometrics

KF4P38F4 Flush Flood Beam


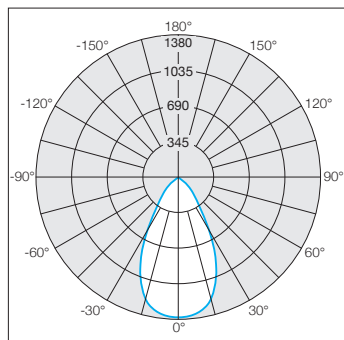
Total Energy Consumption P_L (W) 14.2W
Total Lumen Output 1606 Lm (114Lm/W)
4000k

KF4P58F4 Flush Flood Beam


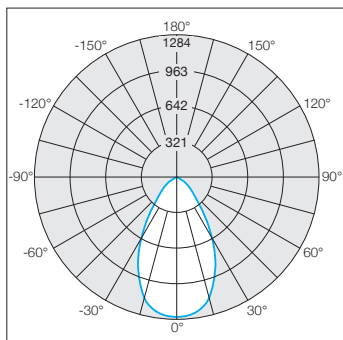
Total Energy Consumption P_L (W) 14.2W
Total Lumen Output 2164 Lm (108Lm/W)
4000k

KF4P38F4P Flush Prismatic


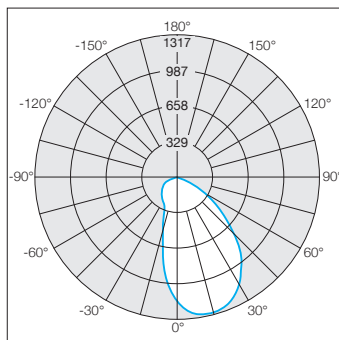
Total Energy Consumption P_L (W) 14.2W
Total Lumen Output 1537 Lm (109Lm/W)
4000k

KF4P38R4D Recessed Diffused


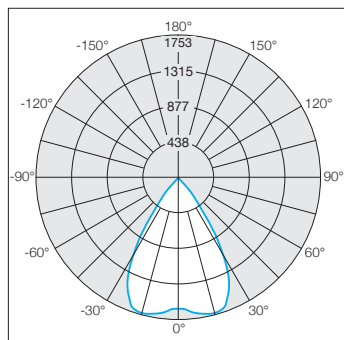
Total Energy Consumption P_L (W) 14.2W
Total Lumen Output 1365 Lm (97Lm/W)
4000k

KF4P38F4D Flush Diffused


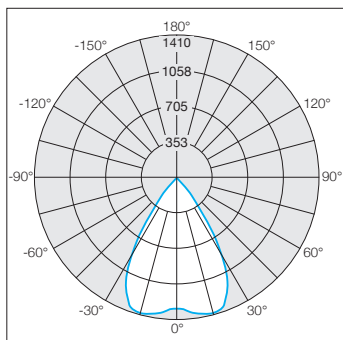
Total Energy Consumption P_L (W) 14.2W
Total Lumen Output 1486 Lm (106Lm/W)
4000k

KF4X38F4WW Flush WashLight


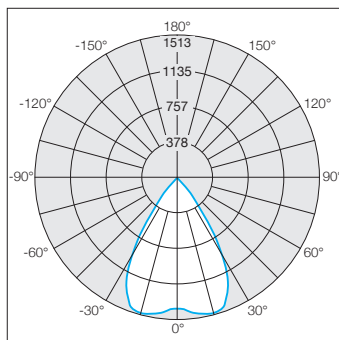
Total Energy Consumption P_L (W) 14.2W
Total Lumen Output 1317 Lm (90Lm/W)
4000k

KF4P38R4 Recessed Flood Beam


Total Energy Consumption P_L (W) 14.2W
Total Lumen Output 1675 Lm (119Lm/W)
4000k

KF4U38R4 Recessed Flood Beam


Total Energy Consumption P_L (W) 14.2W
Total Lumen Output 1348 Lm (95Lm/W)
4000k

KF4X38R4 Recessed Flood Beam


Total Energy Consumption P_L (W) 14.7W
Total Lumen Output 1452 Lm (102Lm/W)
4000k